## What is claimed is:

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I.	A dassive	electrical	device	comprising
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a first electrical conductor;

a second electrical conductor disposed over said first electrical conductor;

a third electrical conductor connecting said first electrical conductor to said second electrical conductor, wherein said first, second and third conductors are disposed on a semiconductor substrate and wherein the sheet resistivity of said first electrical conductor is approximately equal to the sheet resistivity of said second electrical conductor.

- 2. The device as claimed in claim 1, wherein each of said first, second and third conductors has a respective thickness, and the thickness of said first conductor is approximately equal to the thickness of said second conductor.
- 3. The device as claimed in claim 1, wherein each of said first, second and third conductors has a respective thickness, the thickness of said first conductor being approximately equal to the thickness of the second conductor and being approximately one-half the thickness of said third conductor.

1	4. The device as claimed in claim 1, wherein said first, second and third			
2	electrical conductors consist essentially of copper.			
1	5. The device as claimed in claim 1, wherein said first and third electrical			
2	conductors consist essentially of copper, and said second electrical conductor consists			
3	essentially of aluminum.			
1	6. The device as claimed in claim 1, wherein each of said first and said			
	second electrical conductors has a respective thickness in a range of approximately two to			
3 <mark>7.</mark> j	approximately 32 microns.			
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1	7. The device as claimed in claim 6, wherein said third electrical conductor			
	has a thickness in a range of approximately two to approximately 10 microns.			
1 ==	8. The device as claimed in claim 5, wherein said second electrical conductor			
2	has a substantially uniform thickness in a range of approximately four microns to			
3	approximately six microns.			
1	9. An inductor, comprising:			
2	a semiconductor substrate;			
3	first, second and third electrical conductors provided on said			

substrate, wherein said first and second electrical

conductors each has a thickness which is approximately equal, and wherein said semiconductor substrate comprises silicon.

- 10. The inductor as claimed in claim 9, wherein said substrate comprises silicon and germanium.
- 11. The inductor as claimed in claim 9, wherein said substrate is a silicon on insulator substrate.
- 12. The inductor as claimed in claim 9, wherein said substrate is a silicon-on-sapphire substrate.
- 13. The inductor as claimed in claim 9, wherein said second electrical conductor is disposed over said first electrical conductor.
- 14. The inductor as claimed in claim 9, wherein said first and said second electrical conductors are spiral shaped.
- 15. The inductor as claimed in claim 9, wherein each of said first and said second electrical conductors has a sheet resistivity, the sheet resistivity of said first electrical conductor being approximately equal to the sheet resistivity of said second